

IN THE CLAIMS:

Claims 13, 14, and 16 through 20 have been amended herein. All of the pending claims are presented below. This listing of claims will replace all prior versions and listings in the application. Please enter these claims as amended.

Listing of the Claims:

1.-9. (Cancelled)

10. (Previously presented) A method for forming an improved field emission display device, comprising the steps of:
providing a screen; and
simultaneously applying a phosphor material and a binder material on said screen, said binder material holding said phosphor material to said screen, said binder material comprising a conductive material.

11. (Cancelled)

12. (Cancelled)

13. (Currently amended) A method according to ~~claim 10~~ claim 10, wherein said binder material is selected from the group consisting of: ~~tin(II)~~ tin (II) 2-ethylhexanoate, tin (IV) isopropoxide, ~~tin(II)~~ tin (II) oxalate, titanium (IV) ethoxide, zinc 2,4-pentane dionate, zinc acetate, and zinc oxalate.

14. (Currently amended) A method according to ~~claim 10~~ claim 10, wherein said binder material is selected from the group consisting of: poly(propylene carbonate) and poly(ethylene ~~Carbonate~~) carbonate).

15. (Cancelled)

16. (Currently amended) A method according to ~~claim 10~~ claim 10, wherein the screen is coated with transparent conducting film selected from the group consisting of: indium tin oxide (ITO), zinc oxide (ZnO), tin oxide (SnO₂) doped with antimony (Sb), cadmium oxide (CdO), and cadmium tin oxide-~~(Cadmium~~ (cadmium stannate) Cd₂SnO₄.

17. (Currently amended) A method according to ~~claim 10~~ claim 10, wherein the binder material is an organometallic compound selected from the group consisting of: cadmium (Cd), titanium (Ti), zinc (Zn), tin (Sn), indium (In), antimony (Sb), tungsten (W), niobium (Nb), further comprising the step of heating said binder material to form conductive and/or semiconductive oxides.

18. (Currently amended) A method according to ~~claim 10~~ claim 10, wherein said binder material is transparent.

19. (Currently amended) A method according to ~~claim 10~~ claim 10, wherein said binder material is heated to remove any organics and leave behind a conducting or semiconducting oxide which binds the phosphor particles to each other and to the screen.

20. (Currently amended) A method for forming a field emission display device, comprising:
providing a faceplate comprising a transparent screen having at least one side;
applying a transparent conductor to said side of said screen;
simultaneously applying a layer of phosphor and conductive binder material to said transparent conductor, said binder material holding said phosphor to said transparent conductor;
providing a baseplate ~~comprising~~; comprising:
a base electrode;
a plurality of conical field emission cathodes having a base and a tip, the bases of said field emission cathodes being disposed on said base electrode; and
a grid electrode disposed proximally to the tips of said field emission cathodes;
positioning the baseplate proximal said side of said screen so that said baseplate is spaced apart from said faceplate; and
providing a vacuum gap between said faceplate and said baseplate.

21. (Cancelled)